Department of Energy
Washington, DC 20585

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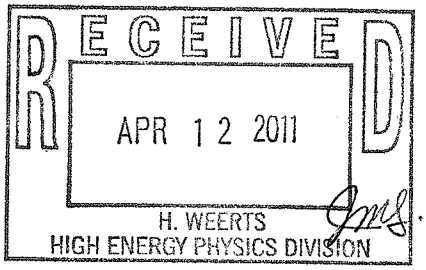

Dr. Harry Weerts
Director
High Energy Physics Division
Argonne National Laboratory
9700 South Cass Avenue
Argonne, Illinois 60439

Dear Dr. Weerts:

The Office of High Energy Physics (HEP) of the Department of Energy has scheduled the institutional review of the high energy physics research program of the Argonne National Laboratory (ANL) for May 24-26, 2011. The focus of this review will be the role and impact of ANL within the national HEP program and an assessment of the laboratory's performance and planning.

During this review, we would like to hear a discussion by ANL management of the overall balance and priorities of the laboratory's research program and how they view the laboratory's role in the national HEP program. Please complement the presentations with the estimated required funding and manpower levels needed to achieve the laboratory's research goals over a period of three to five years. A brief presentation and discussion of the organization of the laboratory's divisions would also be helpful, along with a presentation on the status of the laboratory's programs in Environment, Safety and Health.

In particular, we ask that you address ANL's status, plans, recent developments, and new initiatives in the following major areas of research:

- the Large Hadron Collider (LHC) program including the ATLAS detector and related research programs;
- neutrino physics, including the MINOS, Double Chooz and NOvA experiments, and a future Long Baseline Neutrino Experiment;
- particle astrophysics, including the Dark Energy Survey and other dark energy efforts, the VERITAS experiment, and proposed new efforts on the Cherenkov Telescope Array and South Pole Telescope polarization experiment;
- particle theory program, including phenomenology in support of the LHC and lattice simulations relevant to the Standard Model;
- advanced accelerator, including the Argonne Wakefield Accelerator Facility, and Research & Development (R&D) towards a future lepton collider; and
- Large Area Photo-Detector project and HEP Detector R&D related activities.

For each of the major areas of the laboratory's proposed research program, the consultants will be asked to comment upon:

- Scientific and technical merit of the proposed research;
- Quality and impact of recent research in this area;
- Competence and future promise for carrying out the proposed plan;
- Adequacy of the allocated resources and cost-effectiveness of the investment;
- Feasibility for carrying out the proposed plans;
- Alignment with the HEP mission and program goals; and
- Comparison with research at other laboratories, and in particular, evaluation of unique and/or national leadership areas of the ANL program.

We will ask our consultants to provide overall evaluations of: (1) the quality of the support and infrastructure provided by the laboratory; (2) the scientific goals for the research program over the next three years; (3) and the long-term research plan for the laboratory.

As we have done in past institutional reviews, we will invite our consultants to provide immediate feedback to the laboratory, but we will also request from them confidential statements in writing that will be used in our evaluation of your program.

Alan Stone will chair the review and serve as our contact on all aspects of the review. In a recent survey of our consultants, all have expressed the need and appreciation for receiving any material available from the laboratory prior to the review. Please comply with this request as much as possible, and post presentations from your last general laboratory review in 2007.

We look forward to this important event.

Sincerely,

Michael Procario
Acting Associate Director of Science
for High Energy Physics

cc: P. Dehmer, SC-2
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P. Littlewood, ANL
J. Livengood, Argonne Site Office